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PTO/SB/08A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/553161		
		Filing Date	Herewith		
		First Named Inventor	NAGASHIMA		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	05679/LH

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
AC		6,333,945	B1	ABE et al	12-25-2001	
		2002/0041613	A1	YOSHIDA et al	04-11-2002	
		6,606,334	B1	SHIGIHARA et al	08-12-2003	
		2004/0089866	A1	NAGASHIMA et al	05-13-2004	

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Offc ⁴	Document Number ⁴	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
AC		EP	1 416 598	A2	NAGASHIMA ET AL	05-06-2004		
		JP	9-289354	A	MATSUSHITA ELECTRIC IND. CO. LTD.	11-04-1997		
		JP	8-234062	A	NIPPON TELEGRAPH AND TELEPHONE CORP.	09-13-1996		
		JP	2004-153212	A	ANRITSU CORP.	05-27-2004		
		JP	11-243259	A	DENSO CORP.	09-07-1999		
		JP	2001-210910	A	MITSUBISHI ELECTRIC COPR.	08-03-2001		
		JP	2002-368341	A	THE FURUKAWA ELECTRIC CO., LTD.	12-20-2002		
		JP	9-61652	A	OKAMOTO et al	03-07-1997		x*

*includes English abstract.

Examiner Signature		Date Considered	12-31-07
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 604. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO		Application Number	10/553161	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	HEREWITH	
		First Named Inventor	NAGASHIMA	
		Group Art Unit		
		Examiner Name		
Sheet	2	of 2	Attorney Docket Number	05679/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Y. NAGASHIMA et al; ASYMMETRIC-CLADDING 1480-nm PUMP LASER WITH CW FIBER OUTPUT POWER OF 1 W; Optical Amplifiers and Their Applications; TOPS (2) Vol. 92 147, 2003; pp. 4-8.	
		Y. NAGASHIMA et al; NOVEL ASYMMETRIC-CLADDING 1.48-μm PUMP LASER WITH EXTREMELY HIGH SLOPE EFFICIENCY AND CW OUTPUT POWER OF >1 W; LEOS (1); 2002; pp. 2-3.	

Examiner Signature		Date Considered	12-31-02
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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/553,161
				Filing Date	October 14, 2005
				First Named Inventor	Yasuaki NAGASHIMA
				Group Art Unit	2828
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	05679/LH

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ²	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
		Copy of International Preliminary Report on Patentability, Chapter I of the Patent Cooperation Treaty, and Written Opinion, dated September 28, 2006, for PCT/JP2005/004556, 6 sheets.	

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12-31-07

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